

Talmont Resort Improvement District ~ Water System

Este informed contiene informacion sobre su agua beber. Traduzcalo o hable con alguien que lo entienda bien.

Annual Water Quality Consumer Confidence Report

2011

To Our Valued Customers:

The enclosed information is a report of the quality and laboratory analysis of the drinking water that we delivered to you over the calendar year of 2011. The Talmont Resort Improvement District (TRID) wishes to provide you, the customer, with as much information about your water as we possibly can. On page two you will find a table containing all detected contaminants in the water, lead and copper sampling results, and health effect language for various contaminants.

While TRID water is classified as groundwater which comes from wells and springs deep within the earth, it is important for you to understand all potential sources of drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants doesn't necessarily indicate that water possesses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (1-800-426-4791). Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

- Microbial contaminants such as viruses and bacteria that may come from sewer plants, septic systems and wildlife.
- Inorganic contaminants such as salts and metals that can be naturally occurring or result from stormwater runoff.
- Pesticides and Herbicides, which may come from a variety of sources such as stormwater runoff and residential use.
- Organic chemical contaminants including synthetic and volatile organic chemicals that may be byproducts of industrial processes, gas stations, stormwater runoff, and septic systems.
- Radioactive contaminants, which can be naturally occurring or be the result of mining activities.

In order to insure that tap water is safe to drink, USEPA and the California Department of Public Health (DPH) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for possible contaminants in bottled water that must provide the same protection for public health.

Should you have any questions or for any additional information please call Rick Dewante, at (530) 583-3938, or the USEPA Safe Drinking Water Hotline at (800) 426-4791. For general district information, expressing your views, or participating in the decision making process of the TRID you are welcome to submit written suggestions or comments to our office at P.O. Box 1294, Tahoe City, CA 96145.

Where does your water come from?

All of the drinking water supplied to the Talmont Resort Improvement District's Water System is classified as groundwater. Two wells located on Washoe Way drilled approximately 250 ft. deep into the ground provide clean, high quality water that consistently meets all standards with no treatment. No chlorine is added to TRID well water.

2011 Talmont Resort Improvement District Water Quality Analysis Report

Contaminant	Required Sample Cycle	Sample Year	Samples Per Cycle	MCL	Units	PHG (MCLG)	Washoe Well No. 1	Washoe Well No. 2	Origin
Primary Standards									
Barium	9 yrs.	2005	1	1	PPM	2	0.046		Erosion of natural deposits
Fluoride	3 yrs.	2010	1	2	PPM	1	0.12	0.13	Erosion of natural deposits
Violation Yes / No							No	No	
Secondary Standards									
Chloride	3 yrs.	2010	1	500	PPM	N/A	1.1	2.6	Runoff/leaching from natural deposits
Sodium	9 yrs.	2010	1	none	PPM	none	6.3	6.3	Naturally occurring salt in water
Specific Conductance (E.C.)	9 yrs.	2010	1	1600	uS	N/A	170	180	Substances that form ions in water
Sulfate	9 yrs.	2010	1	500	PPM	N/A	0.80	0.61	Runoff/leaching from natural deposits
Total Alkalinity (as CaCO ₃)	9 yrs.	2010	1	NA	PPM	N/A	92	87	Runoff/leaching from natural deposits
Total Dissolved Solids	9 yrs.	2010	1	1000	PPM	N/A	120	130	Runoff/leaching from natural deposits
Total Hardness (as CaCO ₃)	9 yrs.	2010	1	none	PPM	none	88	92	Naturally occurring sum of polyvalent ions
Violation Yes / No							No	No	
Microbiological Monitoring									
Total Coliform	Monthly	2011	2	1	P	(0)	24 T/ 24 A/ 0 P		Naturally present in the environment
E-Coli	Monthly	2011	2	1	P	(0)	24 T/ 24 A/ 0 P		Human and animal fecal waste
Violation Yes / No							No		

Terms and Abbreviations used in this Report

(*) Violation of monitoring and reporting (see notification of violation)

PHG: Public Health Goal: The level of a contaminant in drinking water below which there is no known risk to health.

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. The MCL is set as close to the MCLG as feasible using best available Treatment technology.

MCLG: Maximum Contaminant Level Goal: The "Goal" is the level of a contaminant in drinking water below which there is no

MCLG: Maximum Contaminant Level Goal: The "Goal" (MCLG) is the level of a contaminant in known or expected risk to health. MCLGs allow for a margin of safety.

A: Number of tests absent of bacteria

T: Number of tests for bacteria (Laboratory analysis)

P: Number of tests detecting presence of bacteria

N/A: Not applicable

uS: Microsiemens: Measure of electrical current flow through a solution

PPB: Parts Per Billion: Parts contaminant for every 1 billion parts of water

PPM: Parts Per Million: Parts contaminant for every 1 million parts of water

The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old. If a substance or contaminant is not listed, it is either not detected above the detection limit in our sources or not required to be sampled.

Lead and Copper Testing Results

Constituent	Year Sampled	Number of Sites Sampled	90th % Results (PPB)	Number of Sites Exceeding Action Level	Action Level	PHG	Typical Source of Contaminant
Lead (ppb)	2010	5	<5.0	0	15	2	Internal corrosion of household plumbing systems; discharges from industrial mfrs., natural erosion.
Copper (ppm)	2010	5	0.122	0	1.3	0.17	Internal corrosion of household plumbing systems; natural erosion; leaching from wood preservatives.

Lead: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Talmont Resort Improvement District is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.